

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| | |
|--|-------------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| John M. Hayden | 10/25/2007 |
| RECEIVING PARTY DATA | |
| Name: | EMC Corporation |
| Street Address: | 176 South Street |
| City: | Hopkinton |
| State/Country: | MASSACHUSETTS |
| Postal Code: | 01748 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 11924576 |
| CORRESPONDENCE DATA | |
| Fax Number: | (713)456-2836 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Phone: | 7135713460 |
| Email: | Richard.Auchterlonie@novakdruce.com |
| Correspondent Name: | Richard C. Auchterlonie |
| Address Line 1: | 1000 Louisiana Street, 53rd Floor |
| Address Line 2: | Novak Druce & Quigg, LLP |
| Address Line 4: | Houston, TEXAS 77002 |
| ATTORNEY DOCKET NUMBER: | EMC-07-113 |
| NAME OF SUBMITTER: | Richard C. Auchterlonie |
| Total Attachments: 2 | |
| source=EMC-07-113_EMCR150_Assignment#page1.tif | |
| source=EMC-07-113_EMCR150_Assignment#page2.tif | |

CH \$40.00 11924576

500408182

PATENT
REEL: 020175 FRAME: 0407

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to EMC CORPORATION (the "Assignee"), having a place of business at 176 South Street, Hopkinton, MA 01748, his or her entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled "SELECTABLE DIRECT OR INDIRECT MAPPING POLICY FOR DATA BLOCKS OF A FILE IN A FILE SYSTEM," such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

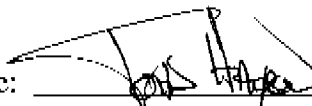
AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

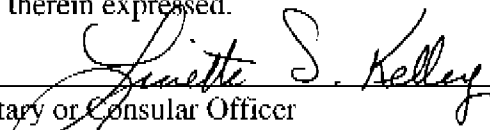
ASSIGNMENT - SELECTABLE DIRECT OR INDIRECT MAPPING POLICY FOR DATA BLOCKS
OF A FILE IN A FILE SYSTEM

Signature: 
Name: John M. Hayden

Date: 10/25/07

STATE OF Massachusetts,
COUNTY OF Worcester) ss.
)

BEFORE ME, the undersigned authority, on this 25th day of October, 2007,
personally appeared JOHN M. HAYDEN, known to me to be the person whose name is
subscribed to the foregoing instrument and acknowledged to me that he executed the same of his
own free will for the purposes and consideration therein expressed.


Notary or Consular Officer

[SEAL]